

Title (en)

FASTENING JIG FOR RARE EARTH SINTERED MAGNET BLOCK

Title (de)

VORRICHTUNG ZUR BEFESTIGUNG EINES GESINTERTEN SELTENERDMAGNETBLOCKS

Title (fr)

GABARIT DE FIXATION POUR BLOC D'AIMANT FRITTÉ DE TERRES RARES

Publication

**EP 3342538 B1 20210217 (EN)**

Application

**EP 17210941 A 20171228**

Priority

JP 2016255022 A 20161228

Abstract (en)

[origin: EP3342538A1] A fastening jig for securing a magnet block (M) when the magnet block is cutoff machined into pieces is provided, the jig comprising a lower clamp (31) on which the magnet block is rested, an upper clamp (32) disposed on the magnet block, and a press unit (33) for pressing the clamps to apply a pressing force to the magnet block. A portion of the lower clamp (31) which is disposed adjacent to the magnet block is provided with a generally horizontal channel (311) to define a resilient cantilever (312), whereby the magnet block is held between the clamps by the repulsion force of the cantilever (312).

IPC 8 full level

**B24B 27/06** (2006.01); **B24B 41/06** (2012.01); **H01F 1/057** (2006.01); **H01F 41/02** (2006.01)

CPC (source: CN EP US)

**B24B 27/06** (2013.01 - EP US); **B24B 27/0675** (2013.01 - CN); **B24B 41/06** (2013.01 - CN EP US); **B24B 55/02** (2013.01 - CN); **B28D 1/24** (2013.01 - US); **B28D 7/04** (2013.01 - US); **H01F 1/0577** (2013.01 - EP US); **H01F 41/0253** (2013.01 - CN EP US)

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

**EP 3342538 A1 20180704**; **EP 3342538 B1 20210217**; CN 108247538 A 20180706; CN 108247538 B 20210323; JP 2018103337 A 20180705; JP 6665775 B2 20200313; MY 197554 A 20230623; PH 12018000003 A1 20180829; PH 12018000003 B1 20180829; SG 10201710835T A 20180730; US 10639816 B2 20200505; US 2018178410 A1 20180628

DOCDB simple family (application)

**EP 17210941 A 20171228**; CN 201711459580 A 20171228; JP 2016255022 A 20161228; MY PI2017704996 A 20171222; PH 12018000003 A 20180103; SG 10201710835T A 20171227; US 201715854401 A 20171226